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(54) Title: ANTIREFLECTION FILM, POLARIZING PLATE, METHOD FOR PRODUCING THEM, LIQUID CRYSTAL DISPLAY ELEMENT, LIQUID CRYSTAL DISPLAY DEVICE, AND IMAGE DISPLAY DEVICE

(57) Abstract: To provide an antireflection film which is easily and inexpensively producible and which has an antireflection property, a scratch resistance and a stain resistance in a sufficient level, and a polarizing plate and a liquid crystal display device utilizing the antireflection film of such excellent ability, the antireflection film includes a transparent support and a low-refractive index layer having a lower refractive index than the transparent support, wherein the low-refractive index layer is an outermost layer, and the low-refractive index layer contains a hollow silica particle and a compound that reduces a surface free energy of the outermost layer.



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